

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09916054 on March 26, 2003

6 455/127 (0 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/127 .Power or bias voltage supply

4 375/238 (2 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/238 PULSE WIDTH MODULATION

4 455/108 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/108 .Amplitude modulation

4 455/126 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/126 .With feedback of modulated output signal

3 330/10 (2 OR, 1 XR)

Class 330 : AMPLIFIERS

330/10 MODULATOR-DEMODULATOR-TYPE AMPLIFIER

3 455/260 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/230 .Local control of receiver operation

455/255 ..Local oscillator frequency control

455/257 ...Automatic

455/258Utilizing particular local oscillator
control

455/259Reference oscillator or source

455/260Phase lock loop or frequency synthesizer

3 455/93 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/93 .Convertible to different type (e.g., AM to FM)

2 329/305 (2 OR, 0 XR)

Class 329 : DEMODULATORS

329/304 PHASE SHIFT KEYING OR QUADRATURE AMPLITUDE
DEMODULATOR

329/305 .Including discrete semiconductor device

2 330/127 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/127 WITH CONTROL OF POWER SUPPLY OR BIAS VOLTAGE

2 330/129 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/127 WITH CONTROL OF POWER SUPPLY OR BIAS VOLTAGE

330/129 .With control of input electrode or gain
control electrode bias

2 330/145 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/144 VARIABLE IMPEDANCE FOR SIGNAL CHANNEL
CONTROLLED BY SEPARATE CONTROL PATH

330/145 .Electron tube or diode as impedance

2 330/149 (2 OR, 0 XR)

Class 330 : AMPLIFIERS

330/149 HUM OR NOISE OR DISTORTION BUCKING INTRODUCED
INTO SIGNAL CHANNEL

2 330/207P (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/207R MISCELLANEOUS

330/207P .Amplifier protection means

2 330/276 (1 OR, 1 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/262 .Including push-pull amplifier

330/276 ..Having transformer

2 330/286 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/286 .Including distributed parameter-type coupling

2 330/297 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/297 .Including particular power supply circuitry

2 330/298 (1 OR, 1 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/298 .Including protection means

2 330/51 (1 OR, 1 XR)
Class 330 : AMPLIFIERS
330/51 COMBINED WITH AUTOMATIC AMPLIFIER DISABLING
SWITCH MEANS

2 331/23 (0 OR, 2 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS
331/18 .With reference oscillator or source
331/23 ..Sensing modulation (e.g., frequency
modulation controlled oscillator

2 332/112 (0 OR, 2 XR)
Class 332 : MODULATORS
332/106 PULSE OR INTERRUPTED CONTINUOUS WAVE MODULATOR
332/112 .Pulse position, frequency, phase, or spacing
modulator

2 332/152 (0 OR, 2 XR)
Class 332 : MODULATORS
332/149 AMPLITUDE MODULATOR
332/151 .Plural modulation
332/152 ..Including discrete semiconductor device

2 333/116 (0 OR, 2 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/1 PLURAL CHANNEL SYSTEMS
333/100 .Having branched circuits
333/109 ..Using directional coupler
333/115 ...Having TEM lines
333/116Using stripline

2 340/870.24 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)

340/870.18 .Using a particular modulation (e.g., phase,
frequency, or amplitude)

340/870.19 ..Pulse

340/870.24 ...Pulse duration (e.g., pulse train)

2 375/239 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/239 PULSE POSITION, FREQUENCY, OR SPACING
MODULATION

2 375/297 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/295 TRANSMITTERS

375/296 .Antinoise or distortion (includes
predistortion)

375/297 ..Power amplifier

2 375/330 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/322 .Angle modulation

375/329 ..Phase shift keying

375/330 ...Differential (diphase)

2 375/373 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/371 .Phase displacement, slip or jitter correction

375/373 ..Phase locking

2 375/376 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/371 .Phase displacement, slip or jitter correction

375/373 ..Phase locking

375/376 ...Phase locked loop

2 455/102 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

- 455/91 TRANSMITTER
455/102 .Plural modulation
- 2 455/114 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/114 .With harmonic radiation suppression
- 2 455/265 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
455/230 .Local control of receiver operation
455/255 ..Local oscillator frequency control
455/257 ...Automatic
455/265 With local oscillator synchronization or
 locking
- 2 455/327 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
455/313 .Frequency modifying or conversion
455/323 ..Particular frequency conversion structure or
 circuitry
455/325 ...Including distributed electrical parameter
 structure
455/326 With balanced mixer
455/327 Stripline
- 2 455/74 (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
 TRANSCEIVER)
455/74 .Convertible (e.g., to diverse art device)
- 2 607/60 (1 OR, 1 XR)
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL
 APPLICATION
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION
607/2 .Electrical therapeutic systems
607/60 ..Telemetry or communications circuits

Most Frequently Occurring Classifications of Patents Returned
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Original Classifications

2 329/305
2 330/10
2 330/149
2 375/238
2 455/74

Cross-Reference Classifications

6 455/127
4 455/126
3 455/108
3 455/260
3 455/93
2 330/127
2 330/129
2 330/145
2 330/207P
2 330/286
2 330/297
2 331/23
2 332/112
2 332/152
2 333/116
2 340/870.24
2 375/238
2 375/297
2 375/330
2 375/373
2 375/376
2 455/102
2 455/114
2 455/265
2 455/327

Combined Classifications

6 455/127
4 375/238
4 455/108
4 455/126
3 330/10
3 455/260

3 455/93
2 329/305
2 330/127
2 330/129
2 330/145
2 330/149
2 330/207P
2 330/276
2 330/286
2 330/297
2 330/298
2 330/51
2 331/23
2 332/112
2 332/152
2 333/116
2 340/870.24
2 375/239
2 375/297
2 375/330
2 375/373
2 375/376
2 455/102
2 455/114
2 455/265
2 455/327
2 455/74
2 607/60

PLUS Search Results for S/N 09916054, Searched March 26, 2003

5789979
4319359
5570062
5652546
5751197
3863255
4802237
4949050
5339053
5361403
5423074
5423078
5424685
5538205
5581182
5603088
5606936
5741314
5765101
5838210
5886573
5900816
6073050
6130910
6147553
6167241
6181766
6445737
4281293
4352071
4048563
4336615
4338603
4344041
4358791
4361890
4982193
5218343
5471187
5497509
5515364
5910752
6011816

6272190
6411249
6130916
4633315
4602226
5867064
4429279